

**CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM
LISTING SERVICE**

LISTING No. 4175-0767:103

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CATEGORY: Roof Covering (Miscellaneous)

LISTEE: United Coatings, 19011 E. Cataldo, Greenacres, WA 99016
Contact: Jeff Crace (509) 926-7143 *FAX (509) 928-1116

DESIGN: Type "Roof Mate" roof coating material. Approved systems:

CLASS A:

1. Deck:NC Incline: Unlimited

Joint Treatment: All mechanical fasteners and any seams with a gap in excess of 1/16" shall be treated with an acrylic or single package urethane caulk. After the caulk has set, a 4" to 12" wide, 15-20 mil pass of "Roof Mate" coating shall be applied over the center of each caulk bead. A 4" to 12" wide application of "Roof Mate Fabric" is then embedded into the wet "Roof Mate" coating.

Base Coat: One application "Roof Mate" applied at 1 Gal/100 ft².

Reinforcement (optional): One ply of "Roof Mate Fabric" embedded into the base coat.

Surfacing: Two or three applications "Roof Mate" applied at a rate of 1 Gal/100 ft².

2. Deck: NC Incline: 2-1/2

Joint Treatment: All mechanical fasteners and any seams with a gap in excess of 1/16" shall be treated with an acrylic or single package urethane caulk. After the caulk has set, a 4" to 12" wide, 15-20 mil pass of "Roof Mate" coating shall be applied over the center of each caulk bead. A 4" to 12" wide application of "Roof Mate Fabric" is then embedded into the wet "Roof Mate" coating.

Base Coat: One application "Roof Mate" applied at 1 Gal/100 ft².

Intermediate Coat: One application "Roof Mate" applied at 1 Gal/100 ft² follow by 1 ply of "Roof Mate Fabric" embedded into the wet "Roof Mate" coating.

Surfacing: Two applications "Roof Mate" applied at a rate of 1 Gal/100 ft².

3. Deck: NC Incline: 1-1/2

Joint Treatment: All mechanical fasteners and any seams with a gap in excess of 1/16" shall be treated with an acrylic or single package urethane caulk. After the caulk has set, a 4" to 12" wide, 15-20 mil pass of "Roofmate" or "Berm 500" coating shall be applied over the center of each caulk bead. A 4" to 12" wide application of "Roof Mate Fabric" is then embedded into the wet "Roof Mate" or "Berm 500" coating.

Base Coat: One application "Roof Mate" applied at 1 Gal/100 ft² or three applications of "Berm 500" applied at 1-1/2 Gal/100 ft².

Reinforcement (optional): One ply of "Roof Mate Fabric" embedded into the base coat.

Surfacing: Two or two applications "Roof Mate" applied at a rate of 1 Gal/100 ft² or "Berm 600" applied at 1-1/2 Gal/100 ft².

Maintenance and Repair Class A, B or C

1. Deck: C-15/32 Incline: 1-1/2

Existing Roof System: Class A, B, or C insulated or uninsulated smooth surface BUR to maintain existing rating.

Joint Treatment (optional): All mechanical fasteners and any vertical seams with a gap in excess of 1/16" shall be treated with an acrylic or single package urethane caulk. After the caulk has set, a 4" to 12" wide, 15-20 mil pass of "Roofmate" or "Berm 500" coating shall be applied over the center of each caulk bead. A 4" to 12" wide application of "Roof Mate Fabric" is then embedded into the wet "Roof Mate" or "Berm 500" coating.

Base Coat: One application "Roof Mate" applied at 1 Gal/100 ft² or three applications of "Berm 500" applied at 1-1/2 Gal/100 ft².

Reinforcement (optional): One ply of "Roof Mate Fabric" embedded into the base coat.

Surfacing: One or two applications "Roof Mate" applied at a rate of 1 Gal/100 ft² or "Berm 600" applied at 1-1/2 Gal/100 ft².

2. Deck: NC Incline: 2-1/2

Existing Roof: Class A, B or C insulated or uninsulated smooth surface BUR (excludes modified bitumen) to maintain existing rating.

Joint Treatment (optional): All mechanical fasteners and any vertical seams with a gap in excess of 1/16" shall be treated with an acrylic or single package urethane caulk. After the caulk has set, a 4" to 12" wide, 15-20 mil pass of "Roof Mate" coating shall be applied over the center of each caulk bead. A 4" to 12" wide application of "Roof Mate Fabric" is then embedded into the wet "Roof Mate" coating.

Base Coat: One application "Roof Mate" applied at 1 Gal/100 ft².

Intermediate Coat: One application of "Roof Mate" applied at 1 Gal/100 ft² followed by 1 ply of "Roof Mate Fabric" embedded into the wet "Roof Mate" coating.

Surfacing: One application "Roof Mate" applied at a rate of 1 Gal/100 ft².

Refer to listee's data sheet and UL Roofing Materials and Systems Directories for detailed product description and operational considerations.

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, product name and UL label.

APPROVAL: Listed as Class A roof covering assemblies as described under "Design" and when constructed in accordance to UL Roofing Materials and Systems Directory.

*Rev. 05-26-2004



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 13, 2006**

*Listing Expires **June 30, 2007***

Authorized By: **DIANE K. AREND, Senior Deputy
Program Manager**